

Table 47. Energy Consumption Estimates by Source, Selected Years 1960-1997, Colorado

Year	Coal ^a Thousand Short Tons	Natural Gas ^b Billion Cubic Feet	Petroleum											Nuclear Electric Power	Hydro-electric Power ^d	Biomass ^e	Other ^{a,f}	Net Inter-state Flow of Electricity/Losses ^g		
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kero-sene ^a	LPG ^a	Lubri-cants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,c}	Total					Million kWh	Million kWh	Total ^h
			Thousand Barrels																	Million kWh
1960	2,941	188	1,617	1,125	4,194	480	277	3,153	378	16,461	1,883	790	30,357	0	970	-	-	-4,980	-	
1965	4,204	224	1,423	1,111	3,925	3,426	1,108	3,339	416	19,321	2,056	941	37,065	0	938	-	-	-2,572	-	
1970	5,101	282	3,220	337	5,212	7,476	822	4,710	423	26,103	1,507	1,146	50,956	0	1,236	-	-	-2,230	-	
1975	7,603	308	2,231	267	8,846	7,151	278	5,053	458	31,916	3,388	1,351	60,938	0	1,507	-	-	-1,877	-	
1980	11,981	256	2,284	265	11,228	4,725	413	3,870	641	34,282	1,814	1,646	61,167	667	1,717	-	-	-5,019	-	
1985	15,241	219	3,103	142	9,552	7,861	92	2,324	583	35,742	194	1,242	60,835	-32	2,357	-	-	-1,099	-	
1986	15,029	198	3,091	176	10,119	8,065	62	2,161	570	36,504	246	972	61,966	52	2,264	-	-	-23	-	
1987	15,007	210	3,110	153	9,864	8,372	85	2,336	645	36,195	34	1,176	61,969	174	1,818	-	-	1,889	-	
1988	15,860	228	3,552	167	11,190	6,460	85	2,705	622	36,389	32	1,319	62,519	660	1,745	-	-	-722	-	
1989	16,393	242	2,928	181	10,204	5,337	226	3,744	638	35,420	22	1,414	60,115	529	NA	-	-	R -2,097	-	
1990	16,710	239	3,257	167	10,373	6,109	50	3,045	656	35,562	13	1,444	60,676	0	NA	-	-	R 1,041	-	
1991	16,218	261	3,107	155	11,805	6,503	51	3,520	587	35,676	80	1,298	62,783	0	NA	-	-	R 3,690	-	
1992	16,696	253	3,190	136	12,425	7,363	51	3,184	599	35,790	41	1,675	64,455	0	NA	-	-	R 1,149	-	
1993	17,070	284	3,413	124	12,922	8,959	53	3,448	610	37,913	11	1,564	69,017	0	NA	-	-	1,294	-	
1994	17,475	276	4,188	128	13,261	7,930	48	3,390	637	39,385	3	1,636	70,606	0	NA	-	-	R 3,556	-	
1995	16,971	284	3,720	124	13,426	7,428	29	3,936	626	41,357	8	1,570	72,225	0	NA	-	-	R 7,276	-	
1996	17,222	307	3,904	124	14,839	7,765	33	3,999	608	43,028	20	1,803	76,122	0	NA	-	-	R 10,417	-	
1997	17,961	306	2,574	143	13,796	7,174	29	4,039	642	43,744	3	1,782	73,925	0	NA	-	-	10,432	-	

Trillion Btu																			
1960	68.2	195.0	10.7	5.7	24.4	2.6	1.6	12.6	2.3	86.5	11.8	4.7	163.0	0.0	10.4	R 6.5	0.0	-17.0	R 426.1
1965	98.1	204.5	9.4	5.6	22.9	19.3	6.3	13.4	2.5	101.5	12.9	5.6	199.4	0.0	9.8	R 6.6	0.0	-8.8	R 509.6
1970	115.7	275.0	21.4	1.7	30.4	42.3	4.7	17.8	2.6	137.1	9.5	6.7	274.0	0.0	13.0	R 8.4	0.0	-7.6	R 678.4
1975	159.3	281.0	14.8	1.3	51.5	40.4	1.6	18.8	2.8	167.7	21.3	8.0	328.2	0.0	15.7	R 9.0	0.0	-6.4	R 786.8
1980	247.6	254.6	15.2	1.3	65.4	26.7	2.3	14.2	3.9	180.1	11.4	9.4	329.9	7.3	17.8	R 10.9	0.0	-17.1	R 851.0
1985	299.1	218.7	20.6	0.7	55.6	44.5	0.5	8.4	3.5	187.8	1.2	7.4	330.2	-0.3	24.6	R 15.2	0.0	-3.7	R 883.7
1986	295.4	198.4	20.5	0.9	58.9	45.6	0.4	7.9	3.5	191.8	1.5	6.0	337.0	0.6	23.6	R 17.5	0.0	-0.1	R 872.5
1987	296.5	210.1	20.6	0.8	57.5	47.4	0.5	8.5	3.9	190.1	0.2	7.1	336.7	1.9	18.9	R 11.1	0.0	6.4	R 881.7
1988	311.4	229.0	23.6	0.8	65.2	36.5	0.5	9.9	3.8	191.2	0.2	7.9	339.5	7.1	18.0	R 11.5	0.0	-2.5	R 914.1
1989	323.7	244.9	19.4	0.9	59.4	30.2	1.3	13.8	3.9	186.1	0.1	8.5	323.5	5.7	R 18.2	R 12.7	R 0.5	-7.2	R 920.5
1990	329.0	240.3	21.6	0.8	60.4	34.6	0.3	11.0	4.0	186.8	0.1	8.6	328.3	0.0	13.7	R 11.7	R 0.5	R 3.6	R 925.1
1991	321.8	268.1	20.6	0.8	68.8	36.8	0.3	12.7	3.6	187.4	0.5	7.8	339.3	0.0	17.9	R 12.1	R 0.6	12.6	R 970.8
1992	331.5	258.9	21.2	0.7	72.4	41.6	0.3	11.5	3.6	188.0	0.3	10.0	349.6	0.0	16.9	R 12.8	R 0.6	3.9	R 972.4
1993	338.5	287.3	22.6	0.6	75.3	50.7	0.3	12.4	3.7	199.2	0.1	9.4	374.3	0.0	20.5	R 13.2	R 0.6	4.4	R 1,036.9
1994	349.1	277.1	27.8	0.6	77.2	44.9	0.3	12.3	3.9	206.9	(s)	9.8	383.7	0.0	17.1	R 15.0	R 0.6	12.1	R 1,052.9
1995	337.3	288.7	24.7	0.6	78.2	42.0	0.2	14.3	3.8	217.2	0.1	9.4	390.5	0.0	R 23.0	R 16.6	R 0.6	24.8	R 1,078.7
1996	340.3	314.7	25.9	0.6	86.4	44.0	0.2	14.4	3.7	226.0	0.1	10.8	412.2	0.0	17.6	R 18.9	R 0.6	R 35.5	R 1,135.0
1997	356.0	309.6	17.1	0.7	80.4	40.7	0.2	14.6	3.9	229.8	(s)	10.6	397.9	0.0	21.6	16.8	0.6	35.6	1,133.4

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^e "Biomass" is wood, waste, and ethanol. Ethanol blended into motor gasoline is included in motor gasoline and total petroleum. It is also included in the biomass series to give complete biomass data, but it is counted only once in the energy total.

^f "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^g Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number

indicates that more electricity (including associated losses) came into the State than went out of the State during the year; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^h From 1989, "Total" does not equal the sum of the columns. Ethanol (which is shown in the transportation sector table) is included in both motor gasoline and biomass data in this table but only once in the total. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total in this table but not in any other columns.

ⁱ There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

kWh=kilowatt-hours. R=Revised data. - =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 48. Residential Energy Consumption Estimates, Selected Years 1960-1997, Colorado

Year	Coal			Natural Gas ^b	Petroleum				Wood	Geothermal	Solar ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Total						Million Kilowatthours	
	Thousand Short Tons				Billion Cubic Feet	Thousand Barrels						Thousand Cords	Million Kilowatthours	Net Energy	
1960	90	0	90	52	148	50	2,097	2,294	R 212	-	-	1,776	-	4,418	-
1965	112	0	112	65	90	285	2,224	2,599	R 179	-	-	2,521	-	6,018	-
1970	80	0	80	83	168	112	3,080	3,361	R 195	-	-	3,859	-	9,351	-
1975	7	0	7	100	283	36	2,862	3,181	R 233	-	-	5,142	-	12,403	-
1980	35	0	35	90	78	23	1,670	1,772	R 463	-	-	6,693	-	16,275	-
1985	55	0	55	90	106	49	1,390	1,545	R 673	-	-	8,861	-	20,819	-
1986	37	0	37	81	63	30	1,355	1,448	R 655	-	-	8,863	-	20,387	-
1987	28	0	28	86	59	28	1,470	1,558	R 335	-	-	9,218	-	21,062	-
1988	33	(s)	33	93	53	32	1,403	1,488	R 348	-	-	9,551	-	21,592	-
1989	22	0	22	92	42	41	1,596	1,680	R 361	-	-	9,595	-	R 21,559	-
1990	20	0	20	92	27	22	1,697	1,746	366	-	-	9,787	-	R 21,407	-
1991	23	0	23	97	27	24	1,899	1,950	385	-	-	10,099	-	R 21,985	-
1992	20	(s)	21	95	22	37	1,692	1,751	406	-	-	10,216	-	R 21,821	-
1993	13	(s)	13	106	33	35	1,768	1,836	379	-	-	10,656	-	22,513	-
1994	8	0	8	100	26	40	1,757	1,822	372	-	-	10,939	-	R 22,826	-
1995	7	0	7	104	40	20	2,188	2,248	413	-	-	11,307	-	R 23,555	-
1996	5	0	5	111	60	21	2,100	2,180	412	-	-	11,871	-	R 24,705	-
1997	23	(s)	23	116	69	19	2,100	2,187	300	-	-	12,261	-	25,463	-

Trillion Btu

1960	2.1	0.0	2.1	54.1	0.9	0.3	8.4	9.6	R 4.2	0.0	0.0	6.1	R 76.0	15.1	R 91.1
1965	2.6	0.0	2.6	59.6	0.5	1.6	8.9	11.1	R 3.6	0.0	0.0	8.6	R 85.4	20.5	R 105.9
1970	1.8	0.0	1.8	80.4	1.0	0.6	11.6	13.3	R 3.9	0.0	0.0	13.2	R 112.5	31.9	R 144.5
1975	0.2	0.0	0.2	89.5	1.6	0.2	10.6	12.5	R 4.7	0.0	0.0	17.5	R 124.4	42.3	R 166.7
1980	0.8	0.0	0.8	89.2	0.5	0.1	6.1	6.7	R 9.3	0.0	0.0	22.8	R 128.8	55.5	R 184.3
1985	1.2	0.0	1.2	90.1	0.6	0.3	5.0	5.9	R 13.5	0.0	0.0	30.2	R 140.8	71.0	R 211.9
1986	0.8	0.0	0.8	81.4	0.4	0.2	4.9	5.5	R 13.1	0.0	0.0	30.2	R 131.0	69.6	R 200.6
1987	0.6	0.0	0.6	86.3	0.3	0.2	5.4	5.9	R 6.7	0.0	0.0	31.5	R 130.9	71.9	R 202.8
1988	0.7	(s)	0.7	93.5	0.3	0.2	5.1	5.6	R 7.0	0.0	0.0	32.6	R 139.4	73.7	R 213.1
1989	0.5	0.0	0.5	92.7	0.2	0.2	5.9	6.4	R 7.2	e 0.1	R e 0.1	32.7	R e 139.7	R 73.6	R e 213.2
1990	0.4	0.0	0.4	92.4	0.2	0.1	6.2	6.4	7.3	0.1	0.1	33.4	R 140.2	73.0	213.2
1991	0.5	0.0	0.5	100.3	0.2	0.1	6.9	7.2	7.7	0.1	0.1	34.5	R 150.4	75.0	R 225.4
1992	0.4	(s)	0.4	96.8	0.1	0.2	6.1	6.5	8.1	0.1	0.2	34.9	R 146.9	74.5	R 221.4
1993	0.3	(s)	0.3	107.4	0.2	0.2	6.4	6.8	7.6	0.1	0.2	36.4	R 158.6	76.8	R 235.4
1994	0.2	0.0	0.2	99.9	0.1	0.2	6.4	6.8	7.4	0.1	0.2	37.3	R 151.9	77.9	R 229.8
1995	0.2	0.0	0.2	106.2	0.2	0.1	7.9	8.3	8.3	0.1	0.2	38.6	R 161.7	80.4	R 242.1
1996	0.1	0.0	0.1	113.6	0.4	0.1	7.6	8.1	8.2	0.1	0.2	40.5	R 170.8	84.3	R 255.1
1997	0.4	(s)	0.4	117.0	0.4	0.1	7.6	8.1	6.0	0.1	0.2	41.8	173.7	86.9	260.5

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 49. Commercial Energy Consumption Estimates, Selected Years 1960-1997, Colorado

Year	Coal			Natural Gas ^b	Petroleum						Wood	Geothermal	Electricity ^a	Net Energy	Electrical System Energy Losses ^c	Total ^d		
	Bituminous Coal and Lignite ^a	Anthracite ^a	Total		Distillate Fuel ^a	Kerosene ^a	LPG ^a	Motor Gasoline	Residual Fuel ^a	Total							Thousand Cords	Million Kilowatthours
	Thousand Short Tons				Billion Cubic Feet	Thousand Barrels									Thousand Cords		Million Kilowatthours	Million Kilowatthours
1960	167	0	167	28	123	66	370	135	56	750	R 4	-	1,772	-	4,408	-		
1965	207	0	207	39	75	376	393	186	49	1,078	R 3	-	2,842	-	6,785	-		
1970	149	0	149	59	140	148	544	124	38	993	R 4	-	4,594	-	11,134	-		
1975	14	0	14	76	235	48	505	109	75	972	R 4	-	6,276	-	15,139	-		
1980	65	0	65	67	339	6	295	312	3	955	R 11	-	7,277	-	17,695	-		
1985	101	0	101	69	681	15	245	176	1	1,118	NA	-	12,344	-	29,001	-		
1986	68	0	68	62	406	13	239	191	72	922	NA	-	12,450	-	28,639	-		
1987	53	0	53	64	958	27	259	191	0	1,436	NA	-	12,638	-	28,876	-		
1988	61	(s)	61	69	1,019	14	248	176	0	1,457	NA	-	13,489	-	30,496	-		
1989	42	0	42	67	539	157	282	164	6	1,147	NA	-	14,116	-	R 31,717	-		
1990	38	0	38	66	437	10	299	265	0	1,011	NA	-	14,420	-	R 31,541	-		
1991	42	0	42	69	591	11	335	336	0	1,272	NA	-	14,609	-	R 31,802	-		
1992	38	(s)	38	66	834	7	299	161	(s)	1,301	NA	-	14,757	-	R 31,522	-		
1993	24	(s)	24	72	759	7	312	35	(s)	1,113	R 30	-	15,278	-	32,279	-		
1994	15	0	15	66	1,219	5	310	51	0	1,585	R 31	-	13,943	-	R 29,094	-		
1995	13	0	13	67	814	5	386	58	0	1,263	R 31	-	R 14,300	-	R 29,791	-		
1996	9	0	9	69	987	6	371	265	0	1,628	R 34	-	R 15,251	-	R 31,741	-		
1997	42	(s)	42	69	1,186	5	371	37	0	1,598	29	-	15,506	-	32,202	-		
Trillion Btu																		
1960	3.8	0.0	3.8	29.5	0.7	0.4	1.5	0.7	0.4	3.6	R 0.1	0.0	6.0	R 43.1	15.0	R 58.1		
1965	4.7	0.0	4.7	35.8	0.4	2.1	1.6	1.0	0.3	5.4	R 0.1	0.0	9.7	55.7	23.1	R 78.9		
1970	3.3	0.0	3.3	57.5	0.8	0.8	2.1	0.7	0.2	4.6	R 0.1	0.0	15.7	R 81.2	38.0	R 119.2		
1975	0.3	0.0	0.3	68.3	1.4	0.3	1.9	0.6	0.5	4.6	R 0.1	0.0	21.4	R 94.7	51.7	146.3		
1980	1.4	0.0	1.4	66.6	2.0	(s)	1.1	1.6	(s)	4.7	R 0.2	0.0	24.8	R 97.8	60.4	R 158.2		
1985	2.2	0.0	2.2	68.9	4.0	0.1	0.9	0.9	(s)	5.9	NA	0.0	42.1	119.1	98.9	218.0		
1986	1.5	0.0	1.5	61.8	2.4	0.1	0.9	1.0	0.5	4.8	NA	0.0	42.5	110.5	97.7	208.3		
1987	1.1	0.0	1.1	64.4	5.6	0.2	0.9	1.0	0.0	7.7	NA	0.0	43.1	116.3	98.5	214.8		
1988	1.3	(s)	1.3	69.0	5.9	0.1	0.9	0.9	0.0	7.8	NA	0.0	46.0	124.2	104.1	228.2		
1989	0.9	0.0	0.9	68.3	3.1	0.9	1.0	0.9	(s)	6.0	NA	0.2	48.2	R 123.5	108.2	R 231.7		
1990	0.8	0.0	0.8	66.6	2.5	0.1	1.1	1.4	0.0	5.1	NA	0.2	49.2	R 121.9	107.6	R 229.5		
1991	0.9	0.0	0.9	71.0	3.4	0.1	1.2	1.8	0.0	6.5	NA	0.2	49.8	R 128.4	108.5	R 236.9		
1992	0.8	(s)	0.8	68.0	4.9	(s)	1.1	0.8	(s)	6.8	NA	0.2	50.4	R 126.1	R 107.6	R 233.7		
1993	0.5	(s)	0.5	72.4	4.4	(s)	1.1	0.2	(s)	5.8	R 0.6	0.2	52.1	R 131.7	110.1	R 241.8		
1994	0.3	0.0	0.3	66.2	7.1	(s)	1.1	0.3	0.0	8.5	R 0.6	0.2	47.6	R 123.4	99.3	R 222.7		
1995	0.3	0.0	0.3	67.8	4.7	(s)	1.4	0.3	0.0	6.5	R 0.6	0.2	48.8	R 124.2	101.6	R 225.8		
1996	0.2	0.0	0.2	70.6	5.7	(s)	1.3	1.4	0.0	8.5	R 0.7	0.2	52.0	R 132.2	108.3	R 240.5		
1997	0.8	(s)	0.8	69.9	6.9	(s)	1.3	0.2	0.0	8.5	0.6	0.2	52.9	132.8	109.9	242.7		

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^d Small amounts of solar energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

R=Revised data.

- =Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 50. Industrial Energy Consumption Estimates, Selected Years 1960-1997, Colorado

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum									Hydro-electric Power ^b Million kWh	Wood and Waste	Other ^{b,d}	Electricity ^b		Electrical System Energy Losses ^e Million kWh	Total
			Asphalt and Road Oil ^b	Distillate Fuel ^b	Kero-sene ^b	LPG ^b	Lubri-cants ^b	Motor Gasoline	Residual Fuel ^b	Other ^{b,c}	Total				Million kWh	Net Energy		
			Thousand Barrels															
1960	1,438	69	1,617	1,768	161	593	98	1,303	1,583	790	7,913	1	-	-	1,289	-	3,206	-
1965	1,698	82	1,423	1,994	447	641	130	1,039	1,254	941	7,869	1	-	-	1,576	-	3,763	-
1970	1,657	88	3,220	2,228	561	953	137	1,036	1,128	1,146	10,409	1	-	-	2,334	-	5,656	-
1975	1,871	73	2,231	3,419	193	1,498	156	860	2,327	1,351	12,035	1	-	-	4,407	-	10,630	-
1980	1,757	60	2,284	3,983	384	1,860	238	695	1,640	1,646	12,729	1	-	-	6,900	-	16,778	-
1985	791	48	3,103	2,293	28	621	217	580	40	1,242	8,124	1	-	-	5,468	-	12,848	-
1986	773	44	3,091	3,448	19	507	212	555	174	972	8,978	1	-	-	5,848	-	13,452	-
1987	748	43	3,110	2,659	29	567	240	532	34	1,176	8,348	1	-	-	6,216	-	14,202	-
1988	679	50	3,552	3,690	39	1,000	231	477	5	1,319	10,313	1	-	-	6,295	-	14,233	-
1989	643	64	2,928	2,825	28	1,807	237	505	14	1,414	9,760	f NA	-	-	6,427	-	R 14,441	-
1990	729	66	3,257	2,683	18	975	244	408	13	1,444	9,042	NA	-	-	6,587	-	R 14,407	-
1991	738	80	3,107	3,531	17	1,203	218	503	34	1,298	9,911	NA	-	-	6,748	-	R 14,690	-
1992	735	79	3,190	4,350	7	1,125	223	494	4	1,675	11,069	NA	-	-	6,849	-	14,629	-
1993	780	94	3,413	3,626	12	1,284	227	504	11	1,564	10,640	NA	-	-	7,024	-	14,840	-
1994	857	95	4,188	3,126	4	1,184	237	583	1	1,636	10,960	NA	-	-	9,620	-	R 20,075	-
1995	729	98	3,720	3,184	5	1,294	233	541	(s)	1,570	10,547	NA	-	-	9,706	-	R 20,222	-
1996	367	111	3,904	4,119	6	1,455	226	631	4	1,803	12,149	NA	-	-	9,947	-	R 20,702	-
1997	780	103	2,574	4,066	5	1,502	239	681	3	1,782	10,852	NA	-	-	10,297	-	21,385	-

Trillion Btu

1960	36.6	71.8	10.7	10.3	0.9	2.4	0.6	6.8	10.0	4.7	46.4	(s)	R 2.2	0.0	4.4	R 161.4	10.9	R 172.4
1965	44.2	74.9	9.4	11.6	2.5	2.6	0.8	5.5	7.9	5.6	45.8	(s)	R 2.9	0.0	5.4	R 173.3	12.8	R 186.1
1970	41.4	85.3	21.4	13.0	3.2	3.6	0.8	5.4	7.1	6.7	61.2	(s)	R 4.4	0.0	8.0	R 200.3	19.3	R 219.6
1975	45.8	65.6	14.8	19.9	1.1	5.6	0.9	4.5	14.6	8.0	69.4	(s)	R 4.3	0.0	15.0	R 200.2	36.3	R 236.5
1980	43.1	59.9	15.2	23.2	2.2	6.8	1.4	3.6	10.3	9.4	72.2	(s)	R 1.4	0.0	23.5	R 200.2	57.2	R 257.4
1985	17.1	47.7	20.6	13.4	0.2	2.2	1.3	3.0	0.2	7.4	48.3	(s)	R 1.7	0.0	18.7	R 133.5	43.8	R 177.3
1986	16.6	43.9	20.5	20.1	0.1	1.8	1.3	2.9	1.1	6.0	53.9	(s)	R 4.4	0.0	20.0	R 138.7	45.9	R 184.6
1987	15.7	43.0	20.6	15.5	0.2	2.1	1.5	2.8	0.2	7.1	50.0	(s)	R 4.4	0.0	21.2	R 134.3	48.5	R 182.8
1988	14.5	50.2	23.6	21.5	0.2	3.7	1.4	2.5	(s)	7.9	60.8	(s)	R 4.6	0.0	21.5	R 151.5	48.6	R 200.0
1989	13.4	64.3	19.4	16.5	0.2	6.7	1.4	2.7	0.1	8.5	55.3	R f 0.4	R f 3.9	R f 0.2	21.9	R f 159.4	49.3	R f 208.7
1990	15.4	66.7	21.6	15.6	0.1	3.5	1.5	2.1	0.1	8.6	53.2	0.4	2.5	R 0.2	22.5	R 160.8	49.2	R 210.0
1991	15.6	82.4	20.6	20.6	0.1	4.3	1.3	2.6	0.2	7.8	57.6	0.5	R 2.9	R 0.2	23.0	R 182.3	50.1	R 232.4
1992	14.8	80.6	21.2	25.3	(s)	4.1	1.4	2.6	(s)	10.0	64.6	1.3	R 3.0	R 0.2	23.4	R 187.8	49.9	R 237.7
1993	16.3	94.9	22.6	21.1	0.1	4.6	1.4	2.6	0.1	9.4	61.9	1.3	R 3.1	R 0.2	24.0	R 201.7	50.6	R 252.3
1994	18.5	95.9	27.8	18.2	(s)	4.3	1.4	3.1	(s)	9.8	64.6	1.2	R 5.0	R 0.2	32.8	R 218.2	68.5	R 286.7
1995	15.8	99.3	24.7	18.5	(s)	4.7	1.4	2.8	(s)	9.4	61.6	1.3	R 5.0	R 0.2	33.1	R 216.3	69.0	R 285.3
1996	7.9	113.9	25.9	24.0	(s)	5.3	1.4	3.3	(s)	10.8	70.7	1.2	R 5.1	R 0.2	33.9	R 232.9	70.6	R 303.5
1997	16.8	104.6	17.1	23.7	(s)	5.4	1.4	3.6	(s)	10.6	61.9	1.4	5.3	0.2	35.1	225.4	73.0	298.3

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

kWh=kilowatthours. --=Not applicable. NA=Not available.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 51. Transportation Energy Consumption Estimates, Selected Years 1960-1997, Colorado

Year	Coal ^a	Natural Gas ^b	Petroleum								Ethanol ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total ^c
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Total				Million Kilowatthours	
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Gallons	Million Kilowatthours	Net Energy	Million Kilowatthours	Total ^c
1960	25	1	1,125	2,146	480	93	280	15,023	137	19,284	0	0	—	0	—
1965	6	2	1,111	1,763	3,426	81	286	18,097	713	25,476	0	0	—	0	—
1970	3	2	337	2,655	7,476	133	286	24,943	99	35,929	0	0	—	0	—
1975	(s)	5	267	4,290	7,151	188	302	30,948	104	43,250	0	0	—	0	—
1980	0	8	265	6,554	4,725	45	402	33,275	0	45,267	0	0	—	0	—
1985	0	7	142	6,358	7,861	68	366	34,986	146	49,927	0	0	—	0	—
1986	0	7	176	6,106	8,065	59	358	35,759	(s)	50,523	0	0	—	0	—
1987	0	9	153	6,096	8,372	39	405	35,471	0	50,536	0	0	—	0	—
1988	0	8	167	6,371	6,460	54	390	35,736	0	49,177	0	0	—	0	—
1989	0	11	181	6,728	5,337	59	400	34,751	0	47,458	R ^e 20,772	0	—	0	—
1990	0	9	167	7,175	6,109	75	412	34,889	0	48,826	23,990	0	—	0	—
1991	0	8	155	7,622	6,503	83	369	34,837	0	49,568	19,016	0	—	0	—
1992	0	8	136	7,173	7,363	68	376	35,135	0	50,251	23,112	0	—	0	—
1993	0	8	124	8,476	8,959	84	383	37,374	0	55,400	25,793	0	—	0	—
1994	0	10	128	8,864	7,930	138	400	38,751	1	56,212	24,573	1	—	R ² 0	—
1995	0	11	124	9,366	7,428	69	393	40,757	0	58,136	36,910	R ⁴	—	R ⁸ 0	—
1996	0	11	124	9,638	7,765	74	382	42,132	(s)	60,114	63,802	R ⁴	—	R ⁹ 0	—
1997	0	12	143	8,437	7,174	67	403	43,026	0	59,250	64,827	5	—	10	—

Trillion Btu															
1960	0.6	1.3	5.7	12.5	2.6	0.4	1.7	78.9	0.9	102.6	0.0	0.0	104.5	0.0	104.5
1965	0.1	1.7	5.6	10.3	19.3	0.3	1.7	95.1	4.5	136.8	0.0	0.0	138.6	0.0	138.6
1970	0.1	1.8	1.7	15.5	42.3	0.5	1.7	131.0	0.6	193.3	0.0	0.0	195.2	0.0	195.2
1975	(s)	4.8	1.3	25.0	40.4	0.7	1.8	162.6	0.7	232.5	0.0	0.0	237.3	0.0	237.3
1980	0.0	7.5	1.3	38.2	26.7	0.2	2.4	174.8	0.0	243.6	0.0	0.0	251.1	0.0	251.1
1985	0.0	7.1	0.7	37.0	44.5	0.2	2.2	183.8	0.9	269.4	0.0	0.0	276.5	0.0	276.5
1986	0.0	6.7	0.9	35.6	45.6	0.2	2.2	187.8	(s)	272.3	0.0	0.0	279.0	0.0	279.0
1987	0.0	8.7	0.8	35.5	47.4	0.1	2.5	186.3	0.0	272.6	0.0	0.0	281.3	0.0	281.3
1988	0.0	7.9	0.8	37.1	36.5	0.2	2.4	187.7	0.0	264.8	0.0	0.0	272.7	0.0	272.7
1989	0.0	11.4	0.9	39.2	30.2	0.2	2.4	182.5	0.0	255.5	R ^e 1.6	0.0	° 266.8	0.0	° 266.8
1990	0.0	9.2	0.8	41.8	34.6	0.3	2.5	183.3	0.0	263.2	1.8	0.0	272.4	0.0	272.4
1991	0.0	8.6	0.8	44.4	36.8	0.3	2.2	183.0	0.0	267.5	1.5	0.0	276.2	0.0	276.2
1992	0.0	8.5	0.7	41.8	41.6	0.2	2.3	184.6	0.0	271.2	1.8	0.0	279.7	0.0	279.7
1993	0.0	7.7	0.6	49.4	50.7	0.3	2.3	196.3	0.0	299.6	2.0	0.0	307.4	0.0	307.4
1994	0.0	10.1	0.6	51.6	44.9	0.5	2.4	203.6	(s)	303.6	1.9	(s)	313.8	(s)	313.8
1995	0.0	11.5	0.6	54.6	42.0	0.2	2.4	214.1	0.0	313.9	2.8	(s)	325.4	(s)	R ³ 325.5
1996	0.0	11.2	0.6	56.1	44.0	0.3	2.3	221.3	(s)	324.7	4.9	(s)	335.8	(s)	335.9
1997	0.0	12.5	0.7	49.1	40.7	0.2	2.4	226.0	0.0	319.2	5.0	(s)	331.8	(s)	331.8

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of non-electric utility use of renewable energy beginning in 1989.

R=Revised data.

— =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 52. Estimates of Energy Input at Electric Utilities, Selected Years 1960-1997, Colorado

Year	Coal			Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
	Bituminous Coal and Lignite	Anthracite	Total		Heavy Oil ^{b,c}	Light Oil ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons				Thousand Barrels									
1960	1,221	0	1,221	37	106	10	0	116	0	969	0	0	0	-
1965	2,181	0	2,181	36	40	4	0	43	0	937	0	0	0	-
1970	3,212	0	3,212	51	242	22	0	264	0	1,234	0	0	0	-
1975	5,710	0	5,710	53	882	619	0	1,501	0	1,506	0	0	0	-
1980	10,124	0	10,124	32	171	273	0	444	667	1,716	0	0	0	-
1985	14,295	0	14,295	5	8	113	0	121	-32	2,357	3	0	0	-
1986	14,150	0	14,150	5	0	96	0	96	52	2,263	4	0	0	-
1987	14,178	0	14,178	8	(s)	90	0	90	174	1,818	2	0	0	-
1988	15,087	0	15,087	8	26	57	0	84	660	1,744	2	0	0	-
1989	15,686	0	15,686	8	1	70	0	71	529	1,705	1	0	0	-
1990	15,924	0	15,924	5	(s)	50	0	50	0	1,276	(s)	0	0	-
1991	15,416	0	15,416	6	46	35	0	82	0	1,663	(s)	0	0	-
1992	15,902	0	15,902	5	37	47	0	84	0	1,505	0	0	0	-
1993	16,252	0	16,252	5	0	28	0	28	0	1,858	0	0	0	-
1994	16,596	0	16,596	5	(s)	26	0	26	0	1,540	0	0	0	-
1995	16,222	0	16,222	4	8	22	0	30	0	2,101	0	0	0	-
1996	16,841	0	16,841	5	16	35	0	51	0	1,585	0	0	0	-
1997	17,116	0	17,116	6	(s)	38	0	38	0	1,961	0	0	0	-

Trillion Btu														
1960	25.1	0.0	25.1	38.3	0.7	0.1	0.0	0.7	0.0	10.4	0.0	0.0	0.0	74.6
1965	46.5	0.0	46.5	32.4	0.3	(s)	0.0	0.3	0.0	9.8	0.0	0.0	0.0	89.0
1970	69.1	0.0	69.1	49.9	1.5	0.1	0.0	1.6	0.0	13.0	0.0	0.0	0.0	133.6
1975	113.1	0.0	113.1	52.7	5.5	3.6	0.0	9.2	0.0	15.7	0.0	0.0	0.0	190.6
1980	202.4	0.0	202.4	31.3	1.1	1.6	0.0	2.7	7.3	17.8	0.0	0.0	0.0	261.5
1985	278.7	0.0	278.7	4.9	(s)	0.7	0.0	0.7	-0.3	24.6	(s)	0.0	0.0	308.6
1986	276.5	0.0	276.5	4.6	0.0	0.6	0.0	0.6	0.6	23.6	(s)	0.0	0.0	305.9
1987	279.1	0.0	279.1	7.7	(s)	0.5	0.0	0.5	1.9	18.9	(s)	0.0	0.0	308.2
1988	294.9	0.0	294.9	8.4	0.2	0.3	0.0	0.5	7.1	18.0	(s)	0.0	0.0	328.8
1989	309.0	0.0	309.0	8.2	(s)	0.4	0.0	0.4	5.7	17.8	(s)	0.0	0.0	341.0
1990	312.4	0.0	312.4	5.4	(s)	0.3	0.0	0.3	0.0	13.3	(s)	0.0	0.0	331.3
1991	304.8	0.0	304.8	5.7	0.3	0.2	0.0	0.5	0.0	^R 17.4	(s)	0.0	0.0	328.4
1992	315.5	0.0	315.5	5.0	0.2	0.3	0.0	0.5	0.0	15.6	0.0	0.0	0.0	336.6
1993	321.4	0.0	321.4	4.9	0.0	0.2	0.0	0.2	0.0	19.2	0.0	0.0	0.0	345.6
1994	330.1	0.0	330.1	5.1	(s)	0.1	0.0	0.2	0.0	15.9	0.0	0.0	0.0	351.2
1995	321.0	0.0	321.0	3.8	(s)	0.1	0.0	0.2	0.0	^R 21.7	0.0	0.0	0.0	346.7
1996	332.1	0.0	332.1	5.5	0.1	0.2	0.0	0.3	0.0	16.4	0.0	0.0	0.0	354.2
1997	337.9	0.0	337.9	5.5	(s)	0.2	0.0	0.2	0.0	20.2	0.0	0.0	0.0	364.1

^a Includes supplemental gaseous fuels.

^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.

^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.

^e If applicable, through 1989, includes all net imports of electricity, and, from 1990, includes only the portion of imports of electricity that is derived from hydroelectric power.

^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.

^g If applicable, from 1990, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

^R=Revised data.

- =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.